

# Plans that are walkable, bikeable and encourage conservation of fuel



CARPOOL  
& HYBRID  
PARKING



For more information on this topic visit our "Green" page  
<http://www.ideo.columbia.edu/edu/plus/Green.html>

# Runoff - Stormwater Retention



Rain garden



Pervious Pavers



Green Roof



Rain Barrel

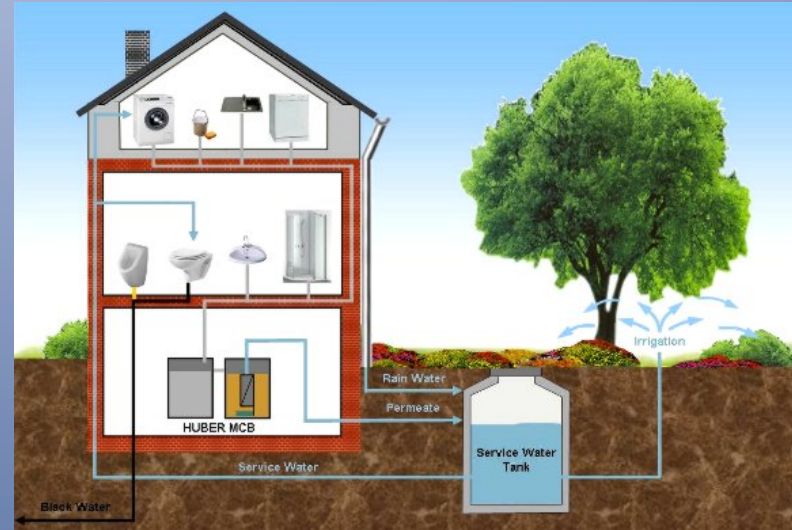
# Water Efficiency



Low Flow faucets



Dual Flush Toilets



Dual Plumbing – Grey water reuse



Planting using native plants – example from Rockland Cornell Cooperative Gardens

# Energy Efficiency



Rooftop Solar Panels



Carport/Garage Solar Panels & preferred parking for efficient cars



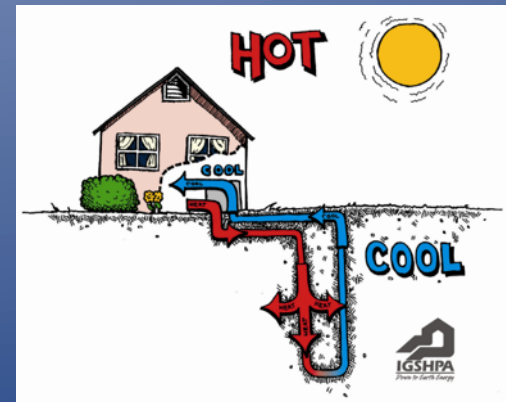
CFLs & LEDs



Daylighting, Passive Solar, Light paint & roofs



Lighting Controls



Geothermal Heating and Cooling

# Materials Efficiency



Sustainably harvested wood image from Sierra Business Council

Gabion Baskets – reuse of building materials in erosion control...  
<http://www.china-jhwiremesh.com/Gabion-Basket.htm>

Recycling paper, glass, cans



Material Efficiency in Operations cuts costs with efficient lighting



composting



Recycled Building Materials

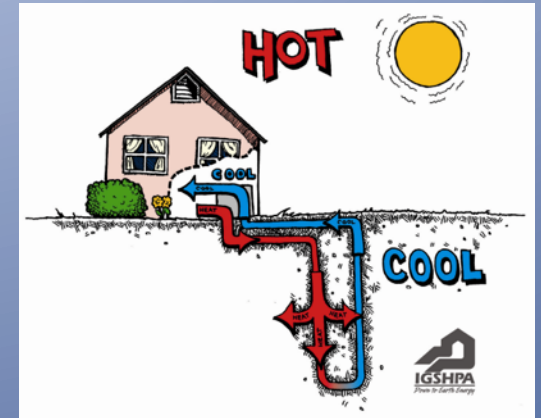
# Local Example: Joe Raso Residence, United Hospice of Rockland



Project design conserved property tree cover



Detention pond allows water to soak in slowly recharging water supplies



Geothermal heating and cooling installed



Energy efficient appliances



Oxygen system without tank delivery



Individual room thermostats



Natural light maximized

# Ideas from Georgetown University School of Business LEED building...

- “
  - *Expected energy savings of 15 percent through efficient lighting design and controls*
  - *A 41 percent water use reduction through use of ultra low flow fixtures and dual-flush water closets*
  - *Water-efficient landscaping*
  - *Building materials that contain recycled content and were manufactured locally*
  - *More than half of the construction waste – 800 tons – was recycled and re-used*
  - *Bicycle storage facilities, proximity to public transportation, and several preferred parking spaces for hybrid and electric vehicles*
  - *Low-emitting paints, adhesives, sealants and carpeting*
  - *Manufacturing 25 percent of the total building materials using recycled materials*
  - *Local products, in that nearly 31 percent of the total building materials were extracted, harvested, or recovered, as well as manufactured, within 500 miles of the project site.”*